In the Claims

1.-14. (Cancelled)

15. (New) A method for managing interactions between at least one peripheral command device and at least one multimedia application exploiting the standard MPEG-4 for displaying a scene comprising MPEG-4 objects, said peripheral command device delivering digital signals of user interactions as a function of actions of one or more users on said scene comprising:

constructing a first digital sequence having the form of a BIFS node (Binary Form for Scenes in accordance with the standard MPEG-4), said node comprising at least one field defining a type and number of interaction data to be applied to objects of said scene and said node specifying an association between said digital signals of user interactions and the scene objects,

wherein the at least one field defines at least one action to be applied to the scene with a parameter field, the value of which corresponds to a variable of said digital signals received from the peripheral command device.

16. (New) The method according to Claim 15, further comprising transferring said first digital sequence into a composition memory using a decoding sequence of MPEG-4 systems to introduce the interaction data into a composition device for composing said scene.

17. (New) The method according to Claim 16, wherein transferring is performed under control of a flow comprising at least one flow descriptor, itself transporting information required for configuration of the decoding sequence with an appropriate decoder.

18. (New) The method according to Claim 15, wherein the BIFS node comprises a number of variable fields dependent on the form of peripheral command device, and transferring the interaction data of fields of the node to fields of objects of said scene is implemented by routes.

19. (New) The method according to Claim 15, further comprising signalizing activity of the device.

20. (New) The method according to Claim 15, wherein said BIFS node comprises a flag whose status enables or prevents an interaction to be taken into account.

21. (New) The method according to Claim 15, wherein signal delivery is performed in the form of a flow indicated by a descriptor which contains information for configuring a decoding sequence with an appropriate decoder.

22.   (New) The method according to Claim 15, wherein constructing the interaction data sequence is performed in a decoding buffer memory of a multimedia application execution terminal.

23.   (New) The method according to Claim 15, wherein translation of the interaction data sequence is performed in a decoder equipped with an interface with a composition device for composing said scene similar to an ordinary BIFS decoder for executing the BIFS-Commands decoded on the scene.

24.   (New) The method according to Claim 15, wherein flow of user interactions passes through a DMIF client associated with the device that generates access units to be placed in a decoding buffer memory linked to a corresponding decoder.

25.   (New) The method according to Claim 15, wherein flow of user interactions enters into a corresponding decoder, either directly, or via an associated decoding buffer memory, thereby shortening the path taken by the user interaction flow.

26.   (New) Computer equipment comprising:

a calculator that executes a multimedia application exploiting the standard MPEG-4;

at least one peripheral device that represents a multimedia scene comprising MPEG-4 objects;

at least one peripheral command device that commands said application by delivering digital signals of user interactions on said scene;

an interface circuit comprising an input circuit that receives said digital signals from said peripheral command device and an output circuit that delivers a BIFS sequence having the form of a BIFS node; and

a BIFS node specifying an association between said digital signals of user interactions and the scene objects and comprising at least one field defining at least one action to be applied to objects of said scene with a parameter field, the value of which corresponds to a variable of said digital signals received from the peripheral command device.

27.   (New) The computer equipment according to Claim 26, further comprising a user interaction decoder adapted to transform said digital signals of user interactions into BIFS sequence according to MPEG-4 Systems.

28.   (New) The computer equipment according to Claim 27, wherein said user interaction decoder transfers values of said digital signals produced by the peripheral command device into

fields of said BIFS node.

29. (New) The computer equipment according to Claim 28, further comprising route mechanisms adapted to propagate said values to target fields of objects composing said scene.

30. (New) The computer equipment according to Claim 26. wherein said BIFS node comprises a flag whose status enables or prevents an interaction to be taken into account.